

CLAIMS

1. An automatic splicing device for laminar webs in continuous feed processes, of the type consisting of two reel-carriers, upon which incorporation is made of respective reels (1 and 2), from one of which the infeed web (30) is supplied to the application process, whilst the other is arranged with its web (31) in stand-by to be joined to the infeed web (30) when the corresponding reel runs out, characterised in that mounted above the respective reel-carriers there are respective preparation heads (3 and 4) and between these there is a moving head (14), capable of moving between the positions of said preparation heads (3 and 4), with each of these preparation heads (3 and 4) comprising a fixed roller (6), upon the shaft of which a tilting structure (7) is fitted that is operated by a pneumatic cylinder (8), which structure is fitted at one end with a section (9) for deploying the edge of the web (31) arranged to remain in stand-by, whilst at the other end of said structure (7) there is a roller (10) sheathed in elastic material, upon the shaft of which there is a section (11) that can tilt independently to grip the web (31) against the roller (6).

2. An automatic splicing device for laminar webs in continuous feed processes, all in accordance with claim 1, characterised in that the moving head (14) consists of two parallel rollers (15 and 16), respective cutting systems (19 and 20) and a bar (21) formed by a hollow section that incorporates a vacuum holding system, with the assembly of the rollers (15 and 16) and of the cutting systems (19 and 20) being arranged in horizontal displacement above the bar (21), whilst each one of the rollers (15 and 16) and each one of the cutting systems (19 and 20) can be displaced vertically, in order to rest, respectively, on the roller (6) and on the bar (21), with the rollers (15 and 16) being fitted with a pneumatic brake (37) to halt their rotary movement.

3. An automatic splicing device for laminar webs in continuous feed processes, all in accordance with claim 1, characterised in that the supply of the infeed web (30) to the application system is established through a tensor unit (23), which consists of a drive roller (24) that incorporates a vacuum system for holding the web (30) feeding over it.

4. An automatic splicing device for laminar webs in continuous feed processes, all in accordance with claim 3, characterised in that the drive roller (24) is hollow and features a perforated outer surface, with a semi-cylindrical hood (27) being arranged in relation to it, which rests on the roller (24) with flexible edges (28), producing an airtight seal on the area of the outer surface where the infeed web (30) does not come into contact, for the application, by means of said hood (27), of a vacuum for holding the infeed web (30) against the roller (24) with freedom of the same to progress.